



Attorney's Docket No. 42390.P3679C

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

David J. Sager

Examiner: Not yet assigned

Serial No.: 10/629,244

Art Unit: Not yet assigned

Filed: July 28, 2003

For: PROCESSOR AND DATA CACHE WITH DATA)
STORAGE UNIT AND TAG HIT/MISS LOGIC)
OPERATED AT FIRST AND SECOND)
CLOCK FREQUENCIES)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant hereby request consideration of the enclosed Information Disclosure Statements pursuant to 37 C.F.R. § 1.97(c).

Enclosed are the following:

(1) Form 1449A/PTO with copy of U.S. Patent 5,918,061;

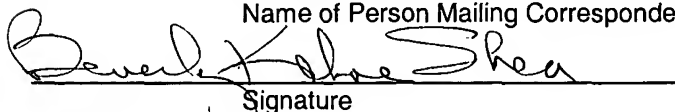
(2) PTO Forms 1449 and Forms 892 from the parent application filed on November 13, 1996, (Serial No. 08/748,862). This previous application is relied upon for an earlier filing date under 35 U.S.C. 120. Pursuant to C.F.R. 1.98(d), copies of the references are not being provided herewith since they were previously sent to the patent and Trademark Office. Please consider theses cited documents in the currently pending continuation application filed July 28, 2003.

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450 on August 20, 2003.
Date of Deposit

Beverly Kehoe Shea

Name of Person Mailing Correspondence


Signature

8/20/03
Date

10/629,244

42390.P3679C

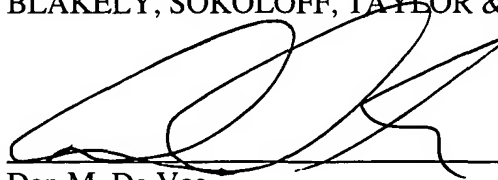
Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: August 20, 2003



Dan M. De Vos
Reg. No. 37,813

Customer No. 008791
12400 Wilshire Blvd.
Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8300

Substitute for Form 1449A/PTO (Modified) (use as many sheets as necessary)		Attorney Docket No.: 42390.P3679C	Application Number: 10/629,244
Page 1 of 1		First Named Inventor: David J. Sager	Examiner: Not yet assigned
		Filing Date: July 28, 2003	Art Unit: Not yet assigned



U.S. PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,918,061		Nikjou	06-29-1999	

FOREIGN PATENT DOCUMENTS

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				

OTHER ART - NO PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	Translation ²

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SEP 26 2002

Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant, Passages or Relevant Figures Appear
		Number	Kind Code ² (If known)			
		5,812,860		Horden et al.	9-22-1998	
		5,872,960		Oz et al.	2-16-1999	
		5,867,683		Witt et al.	2-2-1999	
		6,094,717		Merchant et al.	7-25-2000	
		6,163,838		Merchant et al.	12-19-2000	
		6,212,626		Merchant et al.	4-3-2001	
		5,560,032		Nguyen et al.	9-24-1996	

RECEIVED
 SEP 30 2002
 Technology Center 2100

Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
					Country			
EP		UK	GB 2269924	A	Intel Corporation GB	2-23-1994		
EP		Europe	0478132	A1	Tandem Computers Incorporated EP	12-8-1991		
EP		Europe	EP 0709769	A2	International Business Machines Corp. EP	9-22-1995		
EP		UK	GB 2294341	A	Hewlett Packard Company EP	10-9-1995		
					PCT Application WO 98/21694	3-22-1998		

Fjm

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

[illegible]

08/748,862

2187

43

NOTICE OF REFERENCES CITED

APPLICANT(S)

Sager

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A		5784587	7-21-98	Lotz et al	712	216	6-13-96
B		5490265	2-6-96	Riches et al	711	169	
C							
D							
E							
F							
G							
H							
I							
J							
K							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
L									
M									
N									
O									
P									
Q									

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	
S	
T	
U	

EXAMINER

DATE

6-14-02

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

NOTICE OF REFERENCES CITED

APPLICANT(S)

Sager

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
*	A						
	B						
	C						
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
*	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

✓	R	Austin et al, "Streamlining Data Cache Access With Fast Address Calculation," 22 nd International Symposium on Computer Architecture, June 18-24, 1995, Proceedings Session 8, No. 1, page 5, pp. 369-380.
	T	
	U	

EXAMINER

DATE

5-26-99

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

FORM PTO-892 (REV. 2-82)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	SERIAL NO. 08/748,862	GROUP ART UNIT 2312	ATTACHMENT TO PAPER NUMBER 4
NOTICE OF REFERENCES CITED		APPLICANT(S) Sager		

U.S. PATENT DOCUMENTS


*	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
A	5579503	11-26-96	Osborne	711	119	11-16-93
B	5309561	5-3-94	Overhouse et al ✓	395	553	
C	5537581	7-16-96	Conary et al	395	556	3-24-93
D	5604884	2-18-97	Thome et al	395	556	3-22-93
E	5398325	3-14-95	Chang et al	711	141	
F	4794523	12-27-88	Adan et al	395	556	
G	5420990	5-30-95	McKeen et al	395	392	
H						
I						
J						
K						

FOREIGN PATENT DOCUMENTS

*	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
L	7-168780	7-4-95	Japan	Osborne	—			
M	2260631	4-21-93	GB	Conary et al	—			
N								
O								
P								
Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	
S	
T	
U	

EXAMINER 	DATE 11-5-97
---	-----------------

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)

NOTICE OF REFERENCES CITED

APPLICANT(S)

Sager

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
*	A	6487675	11-26-02	Sager et al	713	501	
*	B	6256745	7-3-01	Sager et al	713	501	
*	C	6216234	4-10-01	Sager et al	713	501	
	D						
	E						
	F						
	G						
	H						
	I						
	J						
	K						

FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUB-CLASS	PERTINENT SHTS. DWG.	PP. SPEC.
	L								
	M								
	N								
	O								
	P								
	Q								

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

R	
S	
T	
U	

EXAMINER

DATE

12-04-02

* A copy of this reference is not being furnished with this office action.
(See Manual of Patent Examining Procedure, section 707.05 (a).)